

The following Listing of the Claims will replace all prior versions and all prior listing of the claims in the present application:

Listing of the Claims:

1. (Canceled)

2.(Canceled)

3. (Currently Amended) ~~Chimeric promoter according to claim 1~~ A chimeric promoter of gene expression comprising at least one transcriptional regulatory sequence from a gene encoding a high molecular weight wheat glutenin, wherein said gene encoding a high molecular weight wheat glutenin is the wheat Dx5 or Bx7 gene.

4.(Withdrawn) Chimeric promoter according to Claim 1, wherein said chimeric promoter comprises SEQ ID NO. 1.

5.(Currently Amended) ~~Chimeric~~ A chimeric promoter of gene expression comprising at least one transcriptional regulatory sequence from a gene encoding a high molecular weight wheat glutenin, according to Claim 1, wherein said chimeric promoter comprises a sequence selected from the group consisting of ~~SEQ ID NO. 2, SEQ ID NO. 3, SEQ ID NO. 4, SEQ ID NO:4, SEQ ID NO. 5, SEQ ID NO. 6, SEQ ID NO. 7, SEQ ID NO. 8, SEQ ID NO. 9, SEQ ID NO. 10, SEQ ID NO. 11, SEQ ID NO. 12, SEQ ID NO. 13, SEQ ID NO. 16, SEQ ID NO. 17, SEQ ID NO. 8, SEQ ID NO. 19, SEQ ID NO. 20, SEQ ID NO. 21, SEQ ID NO:21, and SEQ ID NO:22~~ SEQ ID NO. 22.

6-7. (Canceled)

8.(Canceled )

9.(Canceled )

10.( Canceled)

11.(Canceled )

12.( Canceled)

13.( Canceled)

14.( Canceled)

15. (Currently Amended) ~~The chimeric promoter according to claim 14,~~ A chimeric promoter of gene expression comprising at least one transcriptional regulatory sequence from a gene encoding a high molecular weight wheat glutenin, wherein said chimeric promoter comprises a TATA box, a transcription start site (+1), at least one enhancer box upstream of said TATA box and said transcription start site (+1), and at least one GATA box upstream of said at least one enhancer box, wherein said GATA box confers light-regulatable expression on a transcription unit operably linked to said promoter.

16.(Currently Amended) A chimeric promoter of gene expression comprising at least one transcriptional regulatory sequence from a gene encoding a high molecular weight wheat glutenin, wherein said chimeric promoter comprises a TATA box, a transcription start site (+1), at least one enhancer box upstream of said TATA box and said transcription start site (+1),~~Chimeric promoter according to claim 8, further comprising and~~ at least one cereal box upstream of the enhancer box.

17.(original) Chimeric promoter according to claim 16, wherein said cereal box confers seed-specific expression on a transcription unit operably linked to said promoter.

18.(Currently Amended) A chimeric promoter of gene expression comprising at least one transcriptional regulatory sequence from a gene encoding a high molecular weight wheat glutenin, wherein said chimeric promoter comprises a TATA box, a transcription start site (+1), at least one enhancer box upstream of said TATA box and said transcription start site (+1),~~Chimeric promoter according to claim 8, further comprising and~~ two cereal boxes upstream of said at least one enhancer box, wherein no transcriptional regulatory sequences are between said two cereal boxes.

19.(original) The chimeric promoter according to claim 18, wherein said cereal boxes are contiguous.

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20.( Currently Amended) ~~Chimeric promoter according to claim 6,~~ A chimeric promoter of gene expression comprising at least one transcriptional regulatory sequence from a gene encoding a high molecular weight wheat glutenin, which comprises a TATA box, a transcription start site, further comprising and at least one box selected from the group consisting of ~~an as1 box,~~ an as2 box, an as1/as2 box, an as2/as1 box, and combinations thereof, upstream of the transcription start site.

21.(Original) The chimeric promoter according to claim 20, wherein said at least one box confers root-specific expression on a transcription unit operably linked to said chimeric promoter.

22.(Original) The chimeric promoter according to claim 20, wherein said at least one box activates expression of a transcription unit operably linked to said chimeric promoter in photosynthetic tissues.

23. (Original) Chimeric promoter according to claim 20, wherein said at least one box is downstream of said at least one enhancer box.

24.(Canceled)

25.(Currently Amended) A chimeric promoter of gene expression comprising at least one transcriptional regulatory sequence from a gene encoding a high molecular weight wheat glutenin, which comprises a TATA box, a transcription start site,~~Chimeric promoter according to claims 7, comprising and~~ two cereal boxes upstream of the an enhancer box, said enhancer box being upstream of an as2/as1 box, wherein said at least one transcriptional regulatory sequence comprises a minimal promoter sequence from said gene encoding a high molecular weight glutenin and functions to activate transcription of a transcription unit operably linked to said chimeric promoter.

26.(Currently Amended) ~~Chimeric promoter according to claim 6, further comprising A~~ chimeric promoter of gene expression comprising at least one transcriptional regulatory sequence from a gene encoding a high molecular weight wheat glutenin, which comprises a TATA box, a transcription start site, and at least one element selected from the group consisting of ~~an enhancer box, a G-like box, a P-like box, a GATA box, a cereal box, an as1 box,~~ an as2 box, an as1/as2

box, an as2/as1 box, and combinations thereof, wherein said chimeric promoter also further comprises a GC-rich box.

27.(Original) The chimeric promoter according to claim 26, wherein said GC rich box is downstream of said transcription start site.

28.(Original) The chimeric promoter according to claim 26 or 27, wherein said GC rich box is in reverse orientation relative to said transcription start site.

29.(Currently Amended) ~~Chimeric promoter according to claim 7, comprising~~ A chimeric promoter of gene expression comprising at least one transcriptional regulatory sequence from a gene encoding a high molecular weight wheat glutenin, which comprises a TATA box and a transcription start site, wherein said chimeric promoter comprises at least one sequence selected from the group consisting of SEQ ID NO. 2, SEQ ID NO. 3, SEQ ID NO. 4, SEQ ID NO:4, SEQ ID NO. 5, SEQ ID NO. 6, SEQ ID NO. 7, SEQ ID NO. 8, SEQ ID NO. 9, SEQ ID NO. 10, SEQ ID NO. 11, SEQ ID NO. 12, SEQ ID NO. 13, SEQ ID NO. 16, SEQ ID NO. 17, SEQ ID NO. 18, SEQ ID NO. 19, SEQ ID NO. 20, SEQ ID NO. 21, SEQ ID NO:21 and SEQ ID NO:22, SEQ ID NO. 22, wherein said at least one transcriptional regulatory sequence comprises a minimal promoter sequence from said gene encoding a high molecular weight glutenin and functions to activate transcription of a transcription unit operably linked to said chimeric promoter.

30. (Canceled)

31. (Withdrawn) An expression cassette according to claim 30, wherein said chimeric promoter comprises SEQ ID NO:1.

32.( Amended) An expression cassette comprising a chimeric promoter of gene expression, wherein said chimeric promoter comprises at least one transcriptional regulatory sequence from a gene encoding a high molecular weight wheat glutenin, ~~Expression cassette according to claim 30, and~~ wherein said chimeric promoter comprises a sequence selected from the group consisting of ~~the numbers~~ SEQ ID NO. 2, SEQ ID NO. 3, SEQ ID NO. 4, SEQ ID NO:4, SEQ ID NO. 5, SEQ ID NO. 6, SEQ ID NO. 7, SEQ ID NO. 8, SEQ ID NO. 9, SEQ ID NO. 10, SEQ ID NO. 11, SEQ ID NO. 12, SEQ ID NO. 13, SEQ ID NO. 16, SEQ ID NO. 17, SEQ ID NO. 18, SEQ

~~ID NO. 19, SEQ ID NO. 20, SEQ ID NO. 21~~ SEQ ID NO:21 and SEQ ID NO:22~~SEQ ID NO. NO:22.~~

33. (Canceled)

34. (Currently Amended) An isolated ~~Isolated~~ promoter nucleic acid sequence, comprising a sequence selected from the group consisting of ~~SEQ ID NO. 2, SEQ ID NO. 3, SEQ ID NO. 4, SEQ ID NO:4, SEQ ID NO. 5, SEQ ID NO. 6, SEQ ID NO. 7, SEQ ID NO. 8, SEQ ID NO. 9, SEQ ID NO. 10, SEQ ID NO. 11, SEQ ID NO. 12, SEQ ID NO. 13, SEQ ID NO. 16, SEQ ID NO. 17, SEQ ID NO. 18, SEQ ID NO. 19, SEQ ID NO. 20, SEQ ID NO. 21~~ SEQ ID NO:21 and SEQ ID NO:22~~SEQ ID NO. NO:22.~~

35.(Currently Amended) A vector~~Vector~~ comprising a chimeric promoter according to claim ~~1, 5, or 7.~~

36. (Currently Amended) A vector~~Vector~~ comprising a promoter sequence or a functional element thereof, according to claim ~~33 or 34~~ for initiating the transcription of a transcription unit operably linked to said promoter system, said transcription unit encoding a polypeptide

37- 45 (Cancelled)

46.(Currently Amended) A cell~~Cell~~ comprising a chimeric promoter ~~uence~~ sequence or functional element thereof, according to claim 5~~any of claims 1, 5, or 7.~~

47. (Currently Amended) A cell~~Cell~~ comprising a promoter sequence according to claim ~~33 or 34.~~

48. (Currently Amended) A cell~~Cell~~ according to claim 46, wherein said cell is a plant cell.

49. (Currently Amended) A cell~~Cell~~ according to claim 47, wherein said cell is a plant cell.

50.(Currently Amended) A method~~Method~~ for expressing a nucleic acid sequence encoding a polypeptide in a cell, said method comprising the steps of:

transforming the cell with a the vector ~~according to~~ of claim 35; and

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preparing a culture of the transformed cell under conditions which allow the expression of the nucleic acid sequence.

51. (Currently Amended) A method~~Method~~ for expressing a nucleic acid sequence encoding a polypeptide in a cell, said method comprising the steps of:

transforming the cell with a the vector ~~according to~~ of claim 36;

preparing a culture of the transformed cell under conditions which allow the expression of the nucleic acid sequence.

52. (Currently Amended) The method~~Method~~ according to claim ~~49 or~~ 50 or 51, wherein said cell is a prokaryotic cell.

53. (Currently Amended) The method~~Method~~ according to claim ~~49 or~~ 50 or 51, wherein said cell is a eukaryotic cell.

54. (Currently Amended) The method~~Method~~ according to claim ~~49 or~~ 50 or 51, wherein said cell is selected from the group consisting of microbial cells, fungal cells, insect cells, animal cells and plant cells.

55. (Currently Amended) The method~~Method~~ according to ~~claims 49 or~~ claim 50 or 51, wherein said cell is a plant cell.

56. (Currently Amended) The method~~Method~~ according to claim ~~48 or~~ 50 or 51, further comprising the step of isolating said polypeptide encoded by said nucleic acid sequence.

57. (Currently Amended) A method~~Method~~ for obtaining ~~a the~~ cell ~~according to~~ of claim 46 comprising the steps of:

transforming a cell with the vector ~~according to~~ of claim 35, wherein said vector comprises the chimeric promoter of claim 5.

selecting a cell which has integrated said chimeric promoter ~~sequence~~ into its genome;  
and

propagating the transformed and selected cell.

58. (Currently Amended) The method according to claim ~~56~~57, wherein said cell is a plant cell.

59.(Currently Amended) The method according to claim 57, wherein said cell is a propagule.

60.(Currently Amended) The method according to claim ~~56~~57, wherein said propagating is performed by culturing said cell.

61.(Original) The method according to claim 57, wherein said propagating is performed by regenerating chimeric or transgenic whole plants.